Job code: 005-20-000075
Est cost: 1100.00 Lakhs

1st & final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356461

Serial No. ..... package-1 Improvements to Roads and Drains at
Name of Work ... Palamahalli, Chokkanahalli, Vinayakanagara, Dwarakanagara
Name of Contractor of nature of Agency ... and Surrounding Area in ward No-05
Date of commencement of work ... Byatarayanapura Sub Division

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Order No: BBMP/EE/BTP/WO/03/2021-22 Dt: 28/05/2021						
	Name of Contractor:- Sri. S. Satish.						
(1)	Earth work Excavation by manual means for Drains & Similar works in ordinary soil excavated surface levelled & sides neatly dressed etc complete.						
	1st & Part - 4678.52 = 1000732.38 (Qty, Amt)						
	2nd & Final - 2763.43 = 591128.96 up-to date Qty -					7441.99 m³	
	(a) Rate 213.90/m³					= 1591.842 = 0	
						1591900.45	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Removing & Refixing Stone slabs of drains & pointing in C.M (1:3) etc complete 1st & part Qty Amt 2nd & final 1930.46 - 217068.80 up to date Qty - 6285.66 m² @ Rate 112.41/m² = 706589 = 90						
	(3) Removing & refixing of footpath slabs etc complete 1st & part Qty Amt 44.10 - 9361.05 2nd & final 286.20 - 60361.95 up to date Qty - 330.30 m² @ Rate 210.90/m² = 69662 = 98						
	(4) Providing Granite slabs of selected quality Roughly dressed & fixed in C.M (1:6) including fixing curing etc complete 1st & part Qty Amt 484.11 - 362801.72 2nd & final 213.00 - 159626.46 up to date Qty - 697.11 m² @ Rate 749.42/m² = 522428 = 14						

M. A. R. 57 (Rule 116)
Measurement Book
No. B 356462

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) providing & laying P.C.C M10 mix with crushed stone aggregates 40 mm nominal size mechanically mixed placed in foundation & compacted etc complete Qty Amt 1st & part 5.42 - 285522.91 2nd & final 9.27 - 411948.78 up to date Qty - 14.69 m³ @ Rate 4524.35/m³ = 66462 = 78						
	(6) providing & constructing granite/basalt stone in foundation with C.M & stone hammer dressed in courses not less than 20 cm Light bond stones 2m apart in each courses including cost of all materials etc complete.						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	— Nil —						
	1st & part Qty 7.21 Amt. 35879.21 2nd & Final 20.88 — 102723.53					Up to date Qty - 28.17 m³ @ Rate 4920.47/m³ = 138609.85	
(8) (8)	providing & laying in position plain/Reinforced cement concrete M20 for Sub Structure/Super Structure work with 20 m.m & down size graded granite metal coursed fine aggregates machine mixed concrete laid in layers etc complete 1st & part Qty 22.36 Amt. 110083.71 2nd & Final 17.37 92591.09					up to date Qty - 39.71 m³ @ Rate 5330.51/m³ = 211674.85	
(9)	providing TMT Bars Fe 500 steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping &/or						

M. A. R. 57 (Rule 116)
Measurement Book
No. B 356463

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	welding wherever required tying with binding wires & anchoring to adjoining members etc complete Qty Amt 1st & part 2.04 - 149022.57 2nd & final 1.13 - 82586.76					up to date Qty - 3.17 Tmm @ Rate 73050.25/Tmm = 231569.29	
(10)	providing & fixing RCC precast cover slab of 250 m thick made out of CC 1:2:4 & Jelly 20 m.m & down size with steel reinforcement including form work light charges curing & concrete finished surface etc complete 1st & part Qty Amt 2nd & Final 108.48 - 593622.09 130.65 - 714940.32					Qty - 239.13 m² @ Rate 5472.18/m² = 1308562.43	

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

356464

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(11)	Excavation for roadwork in all types of soil by mechanical means including cutting & loading to tipper, trimming bottom & side slopes in accordance with requirement of lines grades & cross section & transportation with a lead grades & clt & transportation etc complete.						
	1st part Qty 18878.80 Amt. 10255870.70 2nd part 2065.31 1121288.66					up to date Qty - 20944.11 m³	
						@ Rate 54.85/m³ = 1148[illegible]	
(12)	Providing laying spreading & compacting crushed stone aggregates & granite trap/basalt to wet mix macadam including premixing the materials with water at one in mechanical mix plant carriage of mixed mixed materials by tipper to site laying in uniform layers with paver in sub base/base course on well prepared subgrade & compacting with vibratory roller to attain desired density etc complete						
	1st part Qty 16196.86 Amt 8273655.91 2nd part 1567.67 800555.31					up to date Qty - 17762.45 m³	
						@ Rate 2021.29/m³ = 3590[illegible]	
(13)	Providing & applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface & spraying primer at the rate of 0.6 kg/m² using mechanical means etc complete.						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Amt 1st Part 32257.78 - 935340.46 2nd & final 40256.24 - 1163026.80	@ Rate 28.90/m²				Up to date Qty - 72594.02m² = 2098447=50	
(14)	Cleaning the existing black topped surface with brooms, soft rubber & finally dusting with old gunny bags / or compressed air to remove bituminous treatment including cost & all materials etc complete						
	1st Part Qty Amt 2nd & final 38695.72 - 207138.19					Up to date Qty - 38695.72m² = 207138=19	
(15)	providing & applying tack coat using 80/100 grade m² bitumen (VG10) in boiler fitted with spray ed- distributer at the rate of 0.25 kg per m² on the existing prepared bituminous surface etc complete.	@ Rate 5.35/m²					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356465

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Amt 1st Part 32257.78 - 80382.42 2nd & final 80382.42 - 332687.62	@ Rate 12.84/m²				Up to date Qty - 112740.25m² = 1448=96=52	
(16)	providing & laying dense graded bituminous macadam using crushed aggregates of specified grading premixed with VG30 grade bitumen binder & transporting the hot mix to work site, laying to the required grade level & alignment rolling with smooth wheeled, vibratory & tandem rollers to achieve the desired compaction etc complete						
	Qty Amt 1st Part 1616.56 - 20771675.92 2nd & final 1784.56 - 11591262.80	@ Rate 6663.41/m³				Up to date Qty - 3401.10m³ = 22662=38=72	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(17)	Providing & laying bituminous Concreate 40mm thick with hot mix plant using 40-60 TPH capacity HMP with mechanical paver grading II (30-45 m.m) with 5.4% of modified bituminous binder consisting of 4.9% of VG-30 bitumen (60/70 grade) + 0.43% of plastomeric thermoplastic (waste plastic) crushed aggregates of specified grading premixed with bituminous binder & filler transporting the hot mix to work site laying with a paver finisher to required grade level etc. complete						
	Qty Amt. 1st Part 1294.21 - 1813309.81 2nd Part 1666.83 - 1258337.13						
	Rate ₹831.43/m³						
	Upto date 4 - 2901.14 m² = 2272000 = .94						

M. A. R. 57 (Rule 116)
Measurement Book
No. B 356466

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Road marking with hot applied Thermoplastic compound with reflectorising glass beads on bituminous Surface/Concreate surface providing & laying of hot applied thermo plastic compound 2.5 m.m thick including reflectorising glass beads @ 250 gms/m² area thickness of 2.5 mm is exclusive of Surface applied glass beads etc complete						
	Qty Amt. 1st Part 5538.33 - 6146778.10 2nd Part 8249.14 1492289.06						
	Rate 459.28/m²						
	Upto date 4 - 4587.47 m² = 2106987 = 93141732 = 9374 3381.72						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						93143381.82	
				Total Rs =		93141737=00	
				Add 12% GST =		11177205=73	
						104320586.85	10431874 1=07
				Deduct previously paid (-)		66559800=00	
				Now to pay Rs =		37760786=07	
	(1) It is certified that the above work done satisfactorily.						
	(2) The above Bill amount has not been paid in any of previous Bills.						

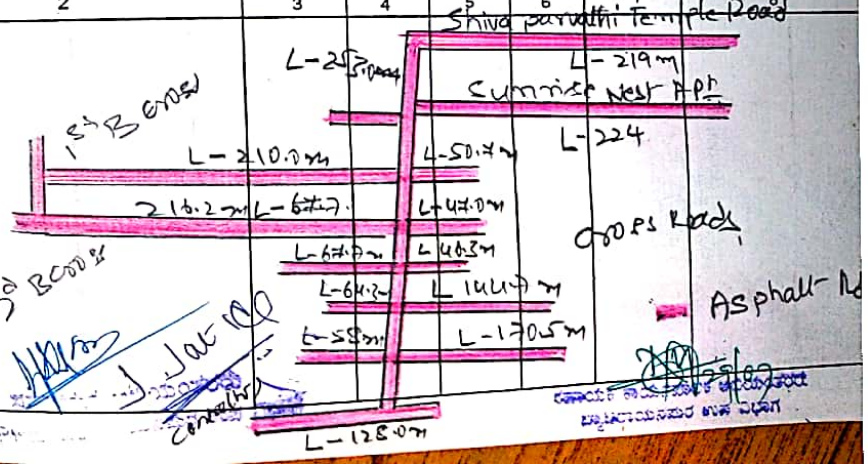
Jai Gopal (Contractor)

M. A. R. 57 (Rule 116)
Measurement Book
No. B

356467

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Jai Gopal (Contractor)

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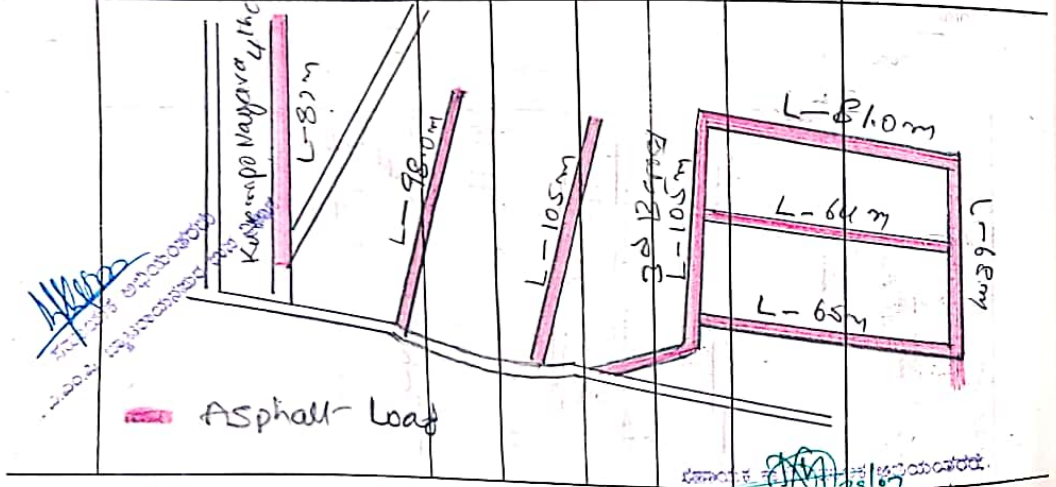
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



M. A. R. 57 (Rule 116)
Measurement Book

No. B

356468

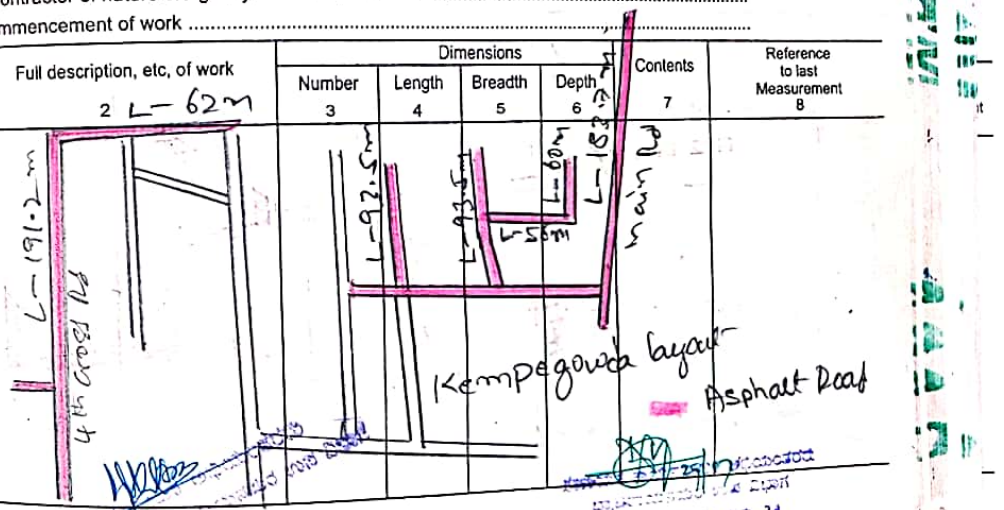
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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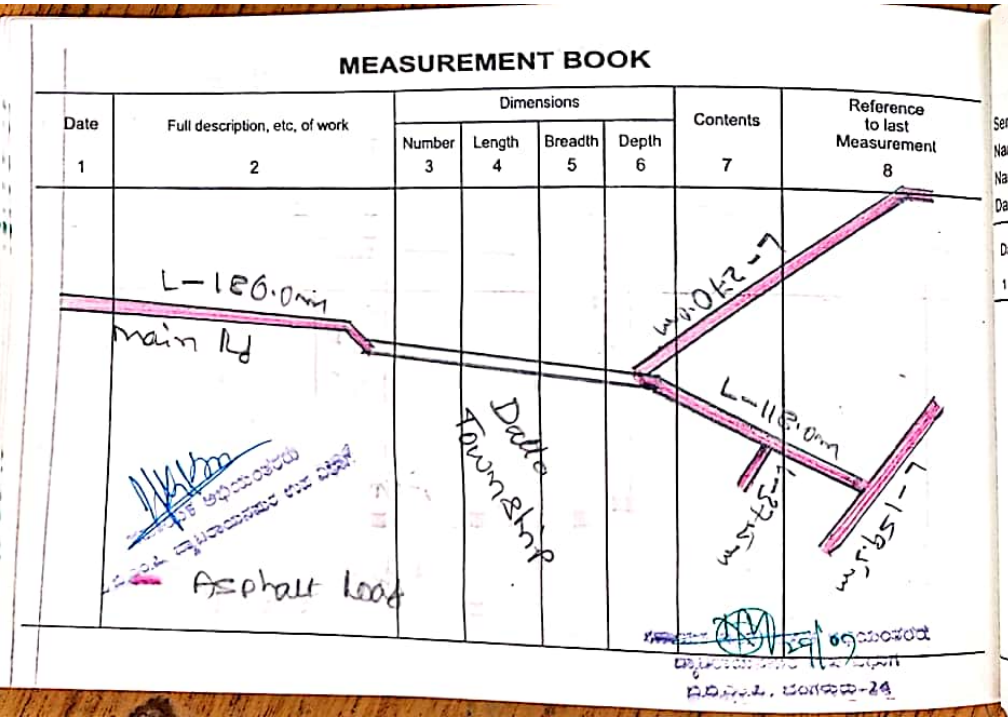
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



M. A. R. 57 (Rule 116)
Measurement Book

No. B

356469

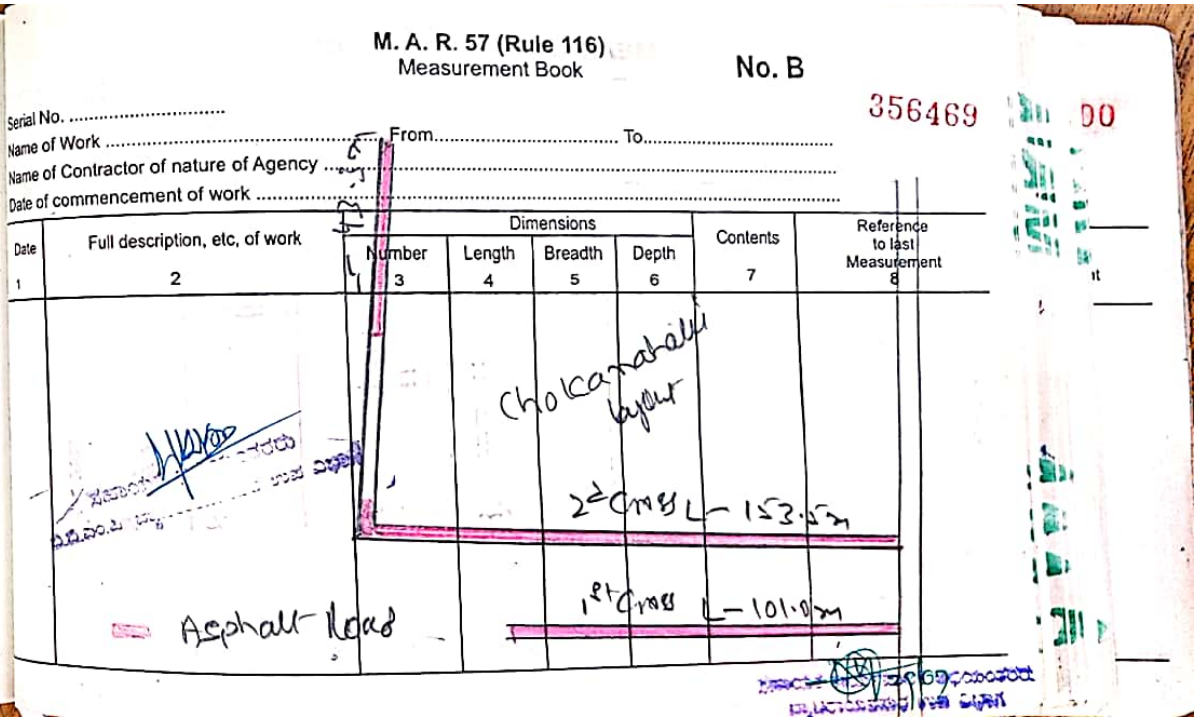
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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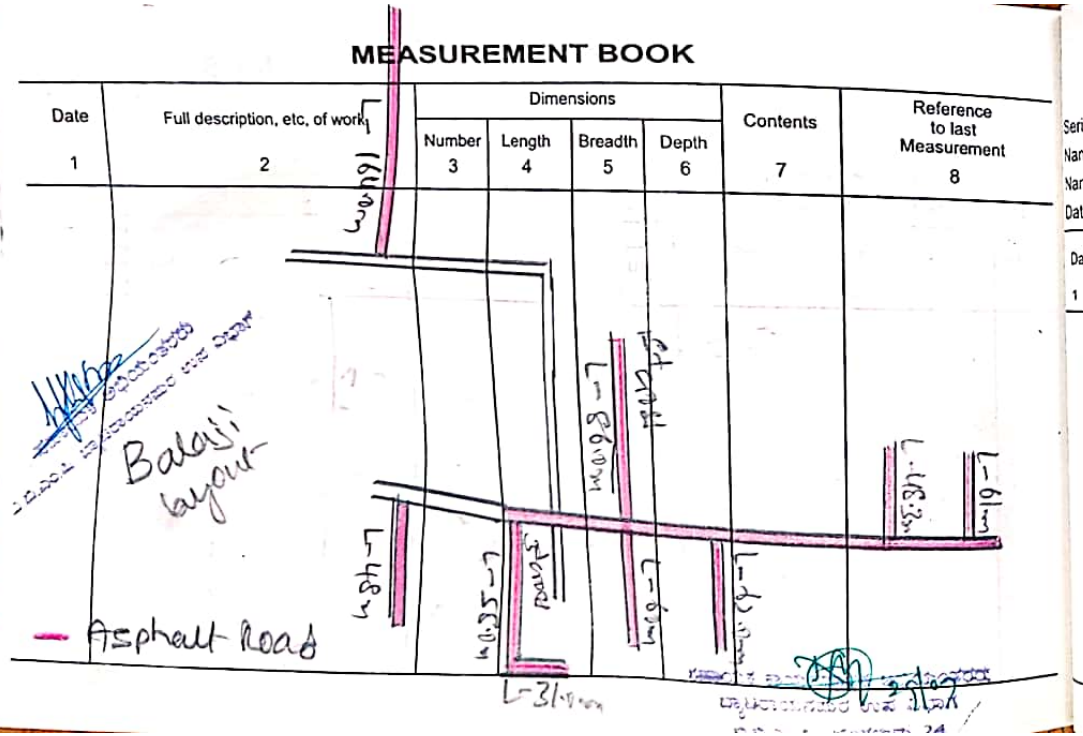
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

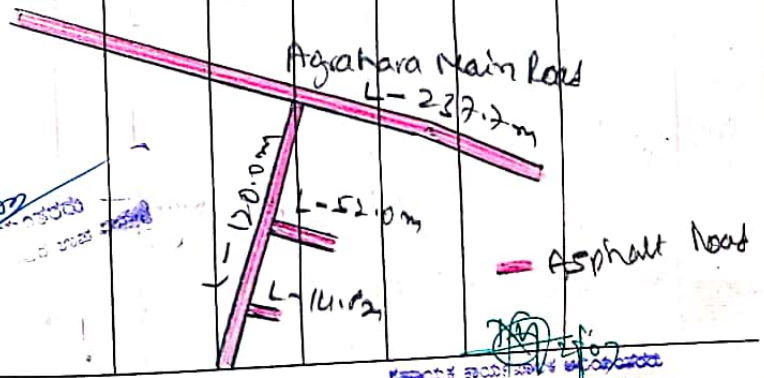


M. A. R. 57 (Rule 116)
Measurement Book

No. B 356470

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main Rd L-322.5m L-30m L-30m L-66m Basavalingappa Nagara Asphalt Road.						

2nd & final

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356471

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	P 3158 2	3	4	5	6	7	8
	ಲೆಪ್ಪಸೇರಿದ S.SIP - Infrastructure project ಯೋಜನೆ ಜಲ್ಲು ಮೊತ್ತವಾದ ರೂ 3778000/ ಕೆಲಸವನ್ನು ಪಾಸು ಮಾಡಿದೆ ಇದರಲ್ಲಿ ಮೊ. 2166000/= ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮೊಬಲಗು ರೂ 3559400/- ಗಳನ್ನು FINGERPRINTS ಮುದ್ರಾಂಕಗಳ ಸಹಿಯಾದ ಮೊ. ವಿಷಯ ನಿಯಂತ್ರಣ ಇಂಜಿನಿಯರ್ ರವರ ವಿಚಾರ 18/10/22 ಬೃಹತ್ ಬೆ.ಪಾ. ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್ ಚಾಮರಾಜಪೇಟೆ ವಿಭಾಗ ಬೃಹತ್ ಬೆ.ಪಾ. ಬೆಂಗಳೂರು						

Total	10431900.00
Previous	6655900 1st & part
TTB	3776000 2nd & final
It	377600
CGST	337143
SGST	337143
CESS	377600
CBF	37760
LR	697614
Fine	1240
Deduction	2166000
Net payable	3559400

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